


MTP-13 Series-Air to Water Swimming Pool Heat Pump							
Model		MAR-50ST	MAR-60ST	MAR-80ST	MAR-100ST	MAR-200ST	
Product Code		12P	15P	20P	25P	50P	
Power Supply		V/Ph/Hz	380/3/50				
Refrigerant	Type	R410a					
Rated Output Water Temperature		32°C					
Maximum Output Water Temperature		45°C					
Ambient Temp		-7°C — 45°C					
Heating Capacity		kW	47.00	60.00	79.00	99.00	198.00
Heating Power Input		kW	9.03	11.50	15.19	19.00	38.00
Operating Current		A	13.7	17.60	23.08	28.93	57.50
COP		W/W	5.20	5.20	5.20	5.20	5.20
Cooling Capacity		kW	31.40	39.50	53.00	65.50	131.00
Cooling Power Input		kW	10.30	12.95	17.38	21.48	43.00
Operating Current		A	15.6	19.80	26.40	32.65	65.30
EER		W/W	3.05	3.05	3.05	3.05	3.05
Compressor	Type	Scroll					
Water Side Heat Exchanger	Type	Titanium tube					
Air Side Heat Exchanger	Type	High efficiency copper tube(Interior Screw) nested in aluminium fin					
Operating Controll	Type	Full-automatic, intelligence					
	Controll panel		LED display, back light				
	Main Function	Display	Water tank temp., Ambient temp., Time, Operating mode, Discharge temp. Coil temp. Error code				
		Setting	Time, Time On/Off, Water tank temp., Defrosting cycle, Start temp. of defrosting, Exit temp. of defrosting, Exit cycle of defrosting, Power lost memory				
Defrosting	Type	Automatic 4 Way Valve Reverse					
Protection Function		Compressor overload, Discharge temp. and etc.					
Dimensions	Length	mm	1405	1600	2000	2000	2205
	Width	mm	800	820	1005	1005	1125
	Height	mm	1050	1050	1975	1975	2248
Unit Noise Level		dB(A)	67	69	75	78	83
Net / Gross Weight		kg	260	300	450	500	980
Picture							
Note: 1. Rated heating conditions: ambient temperature 24°C, Water temperature: inlet 28°C 2. Rated cooling conditions: ambient temperature 35°C, Water temperature: inlet 20°C 3. The above designs and specifications might be changed without prior notice for product improvement							